Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 10 Sep 2021 until 23:59 on Saturday 11 Sep 2021

Forecast Issued on Friday 10 Sep 2021 at 03:52

Confidence: High for rather cloudy and occasionally wet weather through Friday and at first on Saturday. There is significant uncertainty in the extent of cloud cover from Sunday onwards.

Headline for Friday 10 Sep 2021: Persistent low cloud with further showers or thunderstorms. Brighter by afternoon.

Mountain weather hazards on Friday 10 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Heavy rain showers	Hail showers	Thundery showers	Light rain showers (night)
Precipitation probability					
20%	30%	60%	60%	60%	30%

Forecast for Friday 10 Sep 2021

Weather: A mix of conditions expected through the day, the morning being dominated by extensive low cloud shrouding the summits, as well as some spells of heavy rain. This cloud will tend to break into the afternoon to give some bright or sunny spells as well as the risk of a few sharp showers developing, with a low chance of these turning thundery. Cloud tending to thicken and lower through evening, but some eastern foothills should stay clear.

Chance of cloud free mountain/hill tops above 600m: 10%, improving 40% through afternoon.

Visibility: Extensive cloud above 400m is expected through most of the morning for all areas, this leading to visibility of only a few hundred metres. Rather hazy below this level too. Cloud will lift to 500 or 600m through afternoon and become more broken. Sharp showers may limit visibility to nearby slopes.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 10 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 SW	9/11 SW	9/12 SW	10/14 W	9/13 W	10/14 SW	11/16 SW
300	2/8 SW	5/9 SW	6/10 SW	7/13 W	5/11 W	5/12 W	6/13 SW
Valley	1/5 SW	4/7 SW	5/10 SW	7/13 SW	5/11 SW	3/9 SW	5/11 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	14/12	14/13	15/13	14/12	13/11	13/12
300	14/14	16/16	17/17	18/17	16/16	15/14	15/14
Valley	16/16	16/17	18/18	19/18	17/17	16/16	16/16
Freezing Level*	3000m	3000m	3000m	3000m	3000m	3000m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Prepare for poor visibility in the hills through the day as the afternoon improvement is a little uncertain. Be aware of the risk of thunderstorms.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 10 Sep 2021	15.4mm	15.4mm	15.6mm

Forecast for Saturday 11 Sep 2021

Weather: Cloudy and occasionally damp through the early hours and rest of the morning but a more reliably bright and dry afternoon looks likely, with some pleasant spells of sunshine. There is still some uncertainty over the timing of this transition, however. Dry and often clear through evening.

Maximum wind: West 20-30mph.

Chance of cloud free mountain/hill tops above 600m: Virtually no chance through morning, improving 80% through afternoon.

Visibility: Widely dull and hazy on lower levels through morning with extensive cloud above 400m bringing fog conditions to the hills, as well as some drizzly spells. A gradual improvement is expected through the middle of the day with far reaching views on offer by mid to late afternoon.

Temperature: **Valleys:** Plus 15 Celsius rising to 19 Celsius.
At 600m: Around plus 12 Celsius.
Freezing level: Well above summits.

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